KHOLTYREVA, M.A.

Permeability of the skin to $Pu^{239}$.  Med. rad. 10 no.10:
42-46  O '65.                                    (MIRA 18:12)

1. Submitted December 25, 1963.

L  24234-66    EWT(m)
ACC NR: AP6014670

SOURCE CODE:  UR/0241/65/010/010/0042/0046

AUTHOR:  Khodyreva, M. A.

ORG:  none

TITLE:  Penetration of Pu sup 239 through the skin

SOURCE:  Meditsinskaya radiologiya, v. 10, no. 10, 1965, 42-46

TOPIC TAGS:  plutonium compound, rabbit, radiology, animal physiology

ABSTRACT:  In view of the recent discovery that many radioactive substances are absorbed by the organism directly through the uninjured skin, the author experimentally investigated the absorption of plutonium nitrate (pH  3.0) via the skin of mammals (15 adult rabbits weighing from 2.5 to 3 kg) by applying a solution of the nitrate salt of plutonium to a shaved area (lateral section of the dorsum) of the animals' skin at the rate of 0.4 microcuries per $cm^2$ (first group of animals) and 4 microcuries per $cm^2$ (second group), with subsequent radioautographic determination of radio-activity of the blood at regular intervals over a period of 10 days.  On the 14th day the animals were sacrificed and the $Pu239$ content of the individual organs was determined in their suspensions.  Activity was de-tected in the blood as early as one hour after application of the solution, and it increased with time, in direct proportion to the amount of radio-active isotope applied to the skin, until the 5th or 6th day when, owing to the deposition of the isotope in the organs and tissues, as well as owing

Card  1/2

UDC:  612.791.014.482:546.799.4

L  24234-66

ACC NR:  AP6014670

to its partial elimination from the organism, the activity of the blood fell. On dissection it was found that most (as much as 70%) of the isotope had deposited in the osseous tissue. Further, the amount of $Pu^{239}$ found in the organs of animals of group 1 was only a fraction as high as that found in the organs of animals of group 2. Over the period of the experiment no significant changes were observed in the skin. The general condition of the animals remained satisfactory, and the weight remained normal except for a few cases where it began to decrease toward the end of the experiment. These findings confirm that skin represents one of the possible pathways of penetration of radioactive substances in the form of soluble compounds, particularly of $Pu^{239}$, into the organism. Orig. art. has: 2 tables. [JPRS]

SUB CODE:  06  /  SUBM DATE: 25Dec63  /  ORIG REF:  006  /  OTH REF:  003

Card  2/2

PETYUNIN, P.A.; KHODYREVA, M.S.

Chemical structure and biological activity in the series of
amides of some carboxylic acids.  Zhur.ob.khim. 33 no.3:755-761
Mr '63.                                        (MIRA 16:3)

1.  Permskiy farmatsevticheskiy institut.
              (Amides—Therapeutic use)

KHODYREVA, V. M.

37162.   O minimalnom svoystve kruga.   Doklady akad.   NaukSSSR, Novaya Seriya,
t. LXIX, No. 5, 1949, s. 615-18

SO:  Letopis' Zhurnal'nykh Statey, Vol 7, 1949

ZHAVORONKIN, A. (Moskva); MALYUKOV, I.; KHODYREVA, Ye.

Improve the shoe trade. Sov.torg. no.2:31-34 F '59.
(MIRA 12:2)
1. Direktor magazina No.6 Mosobuv'torga (for Malyukov). 2. Direktor
Sverdlovskogo obuv'torga (for Khodyreva).
(Shoe industry)        (Retail trade)

AUTHORS:          Komissarova, G.N., and Khodyuk, A.G.    SOV-3-58-8-18/26

TITLE:            International Connections of the Higher School (Mezhduna-
                  rodnyye svyazi vysshey shkoly).  In a Brotherly Family
                  (V bratskoy sem'ye)

PERIODICAL:       Vestnik vysshey shkoly, 1958, Nr 8, pp 72 - 73  (USSR)

ABSTRACT:         Thousands of boys and girls from foreign countries are
                  receiving their education in the USSR.  A considerable
                  number of them are being taught at the Leningrad Techno-
                  logical Institute imeni Lensovet.  The authors give a re-
                  port on the life and work of these students amidst their
                  Soviet colleagues.  They describe how the foreign students
                  are being invited to participate in the scientific and so-
                  cial life of the vuz, how they are assisted in learning
                  the Russian language, and their interest in Russian clas-
                  sical and Soviet literature.

ASSOCIATION:      Leningradskiy tekhnologicheskiy institut imeni Lensoveta
                  (Leningrad Technological Institute imeni Lensovet)


Card 1/1

KHODYUKOV, fnu. Vet.
Balykchin Interraion Veterinary Bacteriological Laboratory, Kirgiz SSR.
    "Poisoning of sheep with the desert ephedra."
SO: Veterinariia 28(12), 1951, p. 38.

KHODYUSH, L. Ya.

35931      novyye mineral y v gal'kakh konglomeratov nizhnego otdela
           krivorozhskoy svity. nauch. zapiski (dnepropetr. gos. un-t).
           T. XXXI, 1948, S. 27-32

           SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

KHODYUSH, L. YA.

35932     styazheniya burogo zhele znyaka v tolshche zelenokamennykh
porod krivogo roga. nauch. zapiski (dnepropetr. gos. un-t),
T. XXXI, 1948, S. 33-35

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

Khodush, L. Ya.

Contact phenomena between metabasites and the rocks of the lower section of the Krivoi Rog complex. L. Ya. Khodush. *Doklady Akad. Nauk S.S.S.R.* 104, 903-5 (1955). — The lower horizons of the Krivoi Rog complex are characterized by metamorphic clastic quartzites, sandstones, etc., usually called "arkoses," with a feldspar content of less than about 8%, and with a sericite-quartz cement matrix. Below these arkoses are granites, gneisses, and "greenstones" = metabasites (the "epidiorites of Tanatar, 1938). On contact with the "arkoses," the metabasites show a very characteristic transition of hornblende to biotite, and a later sericitization of the dark mica. In the sediments appears a green biotite, and garnet (with optical anomalies, n = 1.797 to 1.816, a common almandite-grossularite-andradite). These two minerals are observed only in the contact zones. Assimilation pebbles of quartzites in the metabasites are often surrounded by a reaction rim of greenish biotite, and show a change of sericite to biotite. The chem. analysis of such a hybrid rock with zenoliths shows SiO₂ 67.6; Al₂O₃ 17.3; TiO₂ 1.1; Fe₂O₃ 3.5; FeO 1.2; CaO 3.1; MgO 0.8; alkalies 1.2; ignition loss 2.8%. Apophyses of the metabasite swarm into the metamorphic sandstone in the Kaganovich Mine. The normal rocks are fine-cryst., consisting of albite, hornblende, biotite, sphene, and ilmenite; the hybrid contact products show more the type of cryst. schists, with the garnets described above. These facts emphasize the necessity for a revision of the current opinions on the effusive character of the metabasites in the Krivoi Rog complex. W. R

KHODYUSH, L. Ya.

The so-called arcose conglomerate stratum of Krivoy Rog Basin.
Geol.zhur.16 no.4:61-67 '56.                              (MLRA 10:2)
        (Krivoy Rog Basin--Conglomerate)

KHODYUSH, L.Ya.

Some data on martite in iron ores of the Belozerka iron-ore
deposit. Min. sbor. no.15:336-338 '61.                    (MIRA 15:6)

1. Gosudarstvennyy universitet, Dnepropetrovsk.
    (Belozerka region (Zaporozh'ye Province)--Iron ores)
    (Belozerka region(Zaporozh'ye Province--Martite)

KHODYUSH, L.Ya.

Martite and martite ores of the South Belozerka iron-ore deposit.
Geol.zhur.  22  no.4:11-25  '62.                          (MIRA 15:9)

1. Dnepropetrovskiy nauchno-issledovatel'skiy institut geologii.
          (Belozerka region (Zaporozh'ye Province)—Martite)
          (Belozerka region (Zaporozh'ye Province)—Iron ores)

KHODYUSH, L.Ya.

Sideroplesite from ferroquartzites of the Belozerskoye iron ore deposit. Dokl. AN SSSR 146 no.5:1184-1187 S '62.                    (MIRA 15:10)

1. Nauchno-issledovatek'skiy institut geologii pri Dnepropetrovskom gosudarstvennom universitete. Predstavleno akademikom N.M.Strakhovym.
(Ukraine—Sideroplesite)

*KHODY-ZADE, M. Kh.*

USSR / Pharmacology, Toxicology. Cardiovascular Drugs.    V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42397.

Author  : Meshcheryakova, A. V.; Slutskiy, M. Ye.; Khody-
          Zade, M. Kh.; Kechker, M. I.
* Inst   : Not given.
Title   : Euphylline in the Therapy of Coronary Insufficiency.

Orig Pub: Terapevt. arkhiv, 1957, 29, No 11, 14-23.

Abstract: The status of the circulation and of the contrac-
          tile function of the myocardium under the action
          of euphylline (I) therapy was investigated in 55
          patients with chronic coronary insufficiency.  Be-
          cause of side-effects I therapy had to be discon-
          tinued in 17 patients.  In 14 patients, injection
          of I decreased the frequency of attacks of angina,
          the intensity and duration of the anginal pains
          and produced improvement in the objective findings.

          * Гл. Кафедры 1-у Терапии, Кафедры 2-у Терапии, и Кафедра 3-у Терапии
            Центрального Институ Усовершенствования Врачей.

Card 1/2

33

KHODY-ZADE, M. KH.

| | | |
|---|---|---|
| COUNTRY | : | USSR |
| CATEGORY | : | Pharmacology and Toxicology. Cardiovascular Agents |
| ABS. JOUR. | : | RZhBiol., No. 1  1959, No. 4585 |
| AUTHOR | : | Vovsi, M. S.; Karpman, V. L.; Khody-Zade, M. Kh. |
| INST. | : | - |
| TITLE | : | On the Pharmacodynamics of Nitroglycerin |
| ORIG. PUB. | : | Terapevt. arkhiv, 1958, 30, No 1, 3-9 |

ABSTRACT : 16 healthy and 63 individuals affected with ste-
nocardia were examined by the method of dynamo-
cardiography. Dynamocardiograms were recorded
after 5 minutes of rest and 1, 2, 5, and 10 mi-
nutes following administration of 2 drops of 1%
alcoholic solution of nitroglycerin (N). Obser-
vations showed that under the effect of N the
duration of the phase of isometric contraction

CARD: 1/3

27

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| | | |
|---|---|---|
| COUNTRY | : | |
| CATEGORY | : | |

| | | |
|---|---|---|
| ABS. JOUR. | : | RZhBiol., No. 1  1959, No. 4585 |
| AUTHOR | : | |
| INST. | : | |
| TITLE | : | |
| ORIG. PUB. | : | |

ABSTRACT
cont'd. : and expulsion of blood from the ventricles is
shortened and that in healthy persons these
changes correspond to the degree of increase of
frequency of tachycardia, while in sick indivi-
duals the duration of isometric contraction is
comparatively prolonged. The changes of the du-
ration of phases show that under the influence
of N cardiac muscle begins to execute greater
work than at rest. In healthy persons, this is
expressed by an increase of the stroke volume,

CARD: 2/3

| | |
|---|---|
| COUNTRY | : |
| CATEGORY | : |

S/203/62/002/001/013/019
I023/I223

Investigation of anomalous radiowave...

increased type II absorption move along the Earth's surface in
accordance with spiral-isochrones of solar particles precipitation.
These phenomena were observed on days of high and medium levels
of disturbance.  Only during one flight on a highly disturbed day
was a second polar zone of absorption observed.  On quieter days
(magnetic and ionospheric) up to 85°N, the ionosphere was not dis-
turbed.  There are 1 table and 3 figures.

ASSOCIATION:   Arkticheskiy i Antarkticheskiy nauchno-issle-
               dovatel'skiy institut (Arctic and Antarctic
               Research Institute)

SUBMITTED:     September 13, 1961

Card 2/2

KHODZHA-AKHMEDOV, Ch.L.

Study of the anomalous absorption of radio waves with the aid of
a flying ionospheric station. Geomag.i aer. 2 no.1:114-120
Ja-F '62.

(MIRA 15:11)

1. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy
institut.

(Ionospheric radio wave propagation)

L 14472-65   EWT(d)/EWT(l)/EEC(k)-2/EWA(v)/FCC/EEC-4/EEC(t)/EWA

ACCESSION NR:    AP5014274    S/0142/64

AUTHOR:  Khodzha-Akhmedov, Ch. L.

TITLE:  Riometer operating at two frequencies for the measurement of ionospheric absorption

SOURCE:  IVUZ.  Radiotekhnika, v. 7, no. 3, 1964, 381-383

TOPIC TAGS:  riometer, ionospheric absorption, ionospheric attenuation, ionospheric radio signal, ionospheric absorption, riometer circuit

ABSTRACT:  A description is given of a riometer, a self-calibrating device using a servosystem which operates on two frequencies, by means of which it is possible to determine the variation of ionospheric radio signal attenuation, the altitudes of cosmic noise absorption regions, and the contribution of individual ionospheric layers to the absorption of cosmic noise.  The specifications of the apparatus are as follows:  tuning signal frequency — 30 and 50 MHz; antenna — 3-element Yagi antenna; antenna switching frequency — times per sec; input impedance — 75 ohm (at each frequency);

Card 1/3

14472-65
ACCESSION NR: AP4042856

receiver amplification prior to detector output — 2 x ... ...
... x ... ... ... ... receiver noise figure ...

... ... ... ... receiver — 5 Mc, bandwid... ...
... ... ... ... ... frequency — ... ...
... ... ... ... ... at level 0.7 for second inter... ...
frequency -- 10 Kc; amplification of switching frequency amplifier —
75; bandwidth at level 0.7 of switching frequency amplifier — 80 Kc;
amplification of d-c amplifier — 33; total voltage amplification of
the device — 5 x 10^10 at 36 Mc (3.2 x 10^10 at 48.5 Mc); time constant
of the entire device — from 1 to 15 sec; dynamic range (at constant
amplification) — 15db; recording device — the N-370 M; the design
of the supply unit is based on standard rectifier VIP-1. Tests under
laboratory and field conditions have demonstrated ... ...
maintai... ... ... ... ... ...
... ... , and that further measures could be ... ...
0.05—0.1 db. Orig. art. has: 1 figure.

ASSOCIATION: none

Card 2/3

14472-65

ACCESSION NR:   AP4042856

SUBMITTED:  04Jun63          ENCL:  00          SUB

NO REF SOV:  003             OTHER:  004

Card 3/3

L 48334-65    FBD/EWT(1)/EWG(v)/SEC_4/EEC(t)    Po-5/Pae-2/Pi-2

ACCESSION NR    AP...

AUTHOR:  Khodzha-Akhmedov, Ch. L.

TITLE:  Frequency dependence of the cosmic noise level during type absorption

SOURCE:  Geomagnetizm i aeronomiya, v. 5, no. 2, 1965, 348...

TOPIC TAGS:  radio wave absorption, cosmic noise level, cosmic n...

ABSTRACT:  The frequency dependence of the cosmic noise level ...
radio wave ... water ... the ...

comprised the bas ... equipment. Only those absorption ... were
range at ... It was shown that ...
tion at the ... frequencies A. A. is equal to ...
and the ...

ASSOCIATION:  Arkticheskiy i antarkticheskiy nauchno-issledovate...
(Arctic and Antarctic Scientific Research Institute)
Card 1/2

L 48334-65
ACCESSION NR: AP5010279

SUBMITTED: 27May64          ENCL: 00          SUB CODE: AA

NO REF SOV: 001          OTHER: 002          A

Card 2/2

KAPUSTIN, B.N., glav. inzh.; GVOZDEV, T.T., glav. inzh.; GRIGOROVICH,
V.D., inzh.; KONDRASHENKO, A.A., inzh.; ABADEYEV, Yu.A., inzh.;
RYADNOV, A.A., inzh.; YEGORYCHEV, V.F., inzh.; SHMEL'KIN, B.A.,
inzh.; MARSHUTIN, S.F., inzh.; KHODZHABARONOV, K.G., inzh.;
FEDOSOVA, Ye.M., tekhnik; OSIN, V.I., tekhnik; SEMENOVA, Ye.P.,
tekhnik; AVSARAGOVA, G.A., tekhnik; PASHKEYEV, D.A., inzh.;
KAPUSTIN, V.N., inzh.; NAGOROV, L.A., inzh.; IONOV, I.T., inzh.;
KOPEYKINA, L.M., inzh.; TELEPNEVA, T.P., tekhnik; CHAKURIN,
Zh.G., tekhnik

[Album of the mechanization of labor-consuming processes in
stockbreeding] Al'bom mekhanizatsii trudoemkikh protsessov v
zhivotnovodstve. Moskva, Izd-vo Giprosel'khoza. No.4.[Equip-
ment and supplies for the mechanization of labor-consuming
processes on livestock farms] Oborudovanie i inventar' dlia
mekhanizatsii trudoemkikh protsessov na zhivotnovodcheskikh
fermakh. 1959 [cover: 1961. 229] p.          (MIRA 15:7)

1. Gosudarstvennyy institut po proyektirovaniyu sel'skokho-
zyaystvennykh sooruzheniy (for Kapustin, Grigorovich,
Kondrashenko, Abadeyev, Ryadnov, Yegorychev, Shmel'kin,
Marshutin, Khodzhabaronov, Fedosova, Osin, Semenova, Avsara-
gova).

<div align="right">(Continued on next card)</div>

KAPUSTIN, B.N.—(continued), Card 2.

2. Respublikanskiy gosudarstvennyy institut po proyektirova-
niyu sovkhoznogo stroitel'stva (for Gvozdev, Pashkeyev,
Kapustin, V.N., Nagorov, Ionov, Kopeykina, Telepneva,
Chakurin).

(Agricultural machinery)

KHODZHA-EYNATOV, A. A.

PA 15/49 Th5

USSR/Electricity                                              Jun 48
        Hydroelectric Plants

"Gyumush Hydroelectric Power Station," A. A. Khodzha-
Eynatov, Engr, 1 p

"Gidrotekh Stroi" No 6

Gyumush is unique among USSR hydroelectric power
stations as it is independent of fluctuations in river
level, due to utilization of Lake Sevan. Describes
its main features and duties.

15/49T45

1. KHODZHA-YEYNATOV, A. A., Eng.

2. USSR (600)

4. Concrete

7. New type of hydrotechnical concrete. Gidr.stroi., 21, no. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, _____April_____ 1953, Uncl.

KHODZHA-EYNATOV, A., inzh.

Mechanization of plastering operations. Prom.Arm. 4 no.4:27-28
Ap '61.                                              (MIRA 14:6)
                          (Plastering)
                      (Building machinery)

KHODZHAKULIYEV, G.K.; AKHUNDOV, A.A.; SMORAGDOVA, R.N.

Influenza as a mask for pulmonary tuberculosis.  Zdrav. Turk. 4 no.4:
18-21 Jl-Ag '60.                                         (MIRA 13:9)

1. Iz kafedry gospital'noy (zav. - dotsent G.K.Khodzhakuliyev) i
fakul'tetskoy (zav. - dotsent Ye.A. Pletnev) terapii Trukmenskogo
gosudarstvennogo meditsinskogo instituta im. I.V. Stalina i respub-
likanskogo protivotuberkululeznogo dispansera (glav. vrach - F.M.
Ismailov).
          (INFLUENZA)        (TUBERCULOSIS)

KHODZHAKULIYEV, G., dotsent; KAZIMOV, G., dotsent

Twelfth All-Union Conference of Therapeutists.   Zdrav.Turk, 5 no.2:
46-47 Mr-Ap '61.                                          (MIRA 14:5)
                        (THERAPEUTICS—CONGRESSES)

KHODZHAKULIYEV, G.K., dotsent; AKHUNDOV, A.A., assistent; SMORAGDOVA, R.N.

Influenza as a provoking factor in pulmonary tuberculosis. Zdrav.
Turk. 5 no.2:18-21 Mr-Ap '61.                    (MIRA 14:5)

1. Iz gospital'noy (zav. - dotsent G.K.Khodzhakuliyev) i fakul'tetskoy
(zav. - dotsent Ye.A.Pletnev) terapevticheskikh klinik Turkmenskogo
gosudarstvennogo meditsinskogo instituta imeni I.V.Stalina i
respublikanskogo protivotuberkuleznogo dispansera (glavvrach - D.M.
Ismailov).
          (INFLUENZA)          (TUBERCULOSIS)

KHODZHAKULIYEV, G.K.; ARTAMONOVA, A.G.

Treatment of chronic nonspecific diseases of the lungs. Zdrav.
Turk. 5 no.5:41-43 S-O '61.                    (MIRA 14:12)

1. Iz kafedry gospital'noy terapii (zav. - dotsent G.K.Khodzhakuliyev)
Turkmenskogo gosudarstvennogo meditsinskogo instituta imeni I.V.Stalina.

KHODZHAKULIYEV, G.K., dotsent; KAZIMOV, G.A., dotsent

Some problems in teaching hospital therapy. Terap.arkh. no.7:102-103 Jl '62. (MIRA 15:8)

1. Iz kafedry gospital'noy terapii Turkmenskogo meditsinskogo instituta (Ashkhabad).
(MEDICINE—STUDY AND TEACHING)

KHODZHAKULIYEV, S.

Soils of the Ashkhabad Vegetable and Melon Variety Testing Station and their crop-producing characteristics. Izv.AN Turk.SSR.Ser.biol. nauk no.5:29-35 '62.

(MIRA 15:11)

1. Institut pustyn' AN Turkmenskoy SSR.
        (ASHKHABAD REGION--SOILS--ANALYSIS)

KARTSEV, A.A.; KUDRYAKOV, V.A.; KHODZHAKULIYEV, Ya.A.

Basic characteristics of the hydrodynamics of the northern
part of the Kara Kum artesian basin. Dokl. AN SSSR 157
no.5:1114-1117 Ag '64.                                    (MIRA 17:9)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. Gubkina. Predstavleno akademikom D.I. Shcherbakovym.

KHODZHAMBERDIYEV, B. I.

KHODZHAMBERDIYEV, B. I. -- "Traumatism in the Kyzyl-Kiy Coal Mine."
Kyzyl-Kiy City Hospital, Osh Oblast.  Frunze, 1955.
(Dissaertations for the Degree of Candidate in Medical Sciences).

SO:  Knizhnaya Letopis', No 9, 1956

.KHODZHAMBERDIYEV, B.I., kand. med. nauk; CHERNOV, S.S., red.;
        POPOVA, A.Ya., tekhn. red.

        [Prevention of traumatism in the coal industry] Profilak-
        tika travmatizma v ugol'noi promyshlennosti. Frunze, Res-
        publikanskii dom sanitarnogo prosveshcheniia, 1960.  49 p.
                                                (MIRA 17:3)

KHODZHAKULIYEV, Ya.A.; SHUGRIN, V.P.

Waters of the Mesozoic sediments of the central Kara-Kum arch.
Izv.vys.ucheb.zav.; neft' i gaz  5  no.12:3-7  '62.    (MIRA 17:4)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
imeni akademika I.M.Gubkina.

KHODZHAMIROVA, V. S.

Renal circulation in cardiac insufficiency; preliminary communication.
Ter. arkh., Moskva 25 no.5:63-67 Sept-Oct 1953.    (CLML 25:4)

1. Of the Hospital Therapeutic Clinic (Director -- Prof. A. L. Myasnikov),
Active Member AMS USSR), First Moscow Order of Lenin Medical Institute.

KHODZHAYEVA, V. S.

KHODZHAYEVA, V. S.: "Renal blood circulation in chronic circulatory insufficiency." Moscow Order of Lenin Medical Inst. Moscow, 1956. (Dissertation for the Degree of Candidate in Medical Sciences).

Source: Knizhnaya letopis' No. 28   1956      Moscow

KNIZHNAYA LETOPIS'    NO. 28 1956    Moscow

KOGAN, B.B.; KHODZHAMIROVA, V.S.; GULINA, L.A.; ZHDANOV, V.S.

Diabetic glomerulosclerosis. Terap. arkh. 32 no. 3:52-60 Mr '60.
(MIRA 14:1)
(DIABETES) (KIDNEYS—DISEASES)

KHODZHAMIRYAN, Yu.Ye., inzhener; KHURSHUDYAN, L.M., inzhener.

Electromechanical relay of the revolutions of hydropower units.
Elek. sta. 24 no.12:50-51 D '53.
(MLRA 6:12)
(Dynamos)

*KHODZHAMIRYAN, Yu. E.*

| | | |
|---|---|---|
| Subject | : USSR/Power Eng | AID P - 3525 |
| Card 1/1 | Pub. 26 - 19/30 | |
| Author | : Kanayan, N. Kh. and Yu. E. Khodzhamiryan, Engs. | |
| Title | : Testing an automatic ASU-11 synchronizer | |
| Periodical | : Elek. sta., 9, 53-55, S 1955 | |
| Abstract | : Certain design defects found on the ASU-11 synchronizer tested at a hydro-power plant are described. The author contends further research is necessary before large scale manufacturing should be started. Two diagrams. | |
| Institution | : None | |
| Submitted | : No date | |

ALIKHANYAN, A.I., inzhener; KHODZHAMIRYAN, Yu.Ye., inzhener.

Automatic control of banks of static capacitors. Prom.energ.11
no.12:25-27 D '56.
(MIRA 10:1)

1. Armenenergo.

(Condensers (Electricity)) (Automatic control)

*KHODZHAMIKIAN YU. YE.*

KAHAYAN, N.Kh., inzhener; KHODZHAMIRYAN, Yu.Ye., inzhener.

Automatic synchroniser with continuous angle of lead. Elek.sta.
28 no.8:76-7? Ag '57.                                    (MIRA 10:10)
                        (Electric generators)

KHODZHANETYAN, N.A.


KHODZHANETYAN, N. A. :   "The development of speech in students in the
process of studying the Russian language and literature in the fifth
through seventh classes."  Sci Res Inst of Pedagogical Sciences,
Min Education Georgian SSR.  Tbilisi, 1956.  (Dissertations for
Degree of Candidate in Pedagogical Sciences).

SO:  Knizhnays Letopsis'  No. 22, 1956

KHODZHANDIYEV, I.

Concentrate attention on the uncovering of potentials.  Fin.SSSR
23  no.5:62-64  My  '62.                                    (MIRA 15:5)

1. Nachal'nik otdela finansirovaniya narodnogo khozyaystva
Tashkentskogo gorodskogo finansovogo otdela.
  (Tashkent—Industrial management)  (Tashkent—Auditing)

BEDEL'BAYEV, A.K.; KHODZHANOV, A.S.

Selecting parameters for stable linear controllable systems. Izv. AN Kazakh.SSR.Ser.mat.i mekh.  no.8:104-113  '59.  (MIRA 13:5)
    (Automatic control)

KHODZHANOV, A.S.

Active pressure of a loose medium on the walls of a cylindrical
enclosure.  Izv.AN Uz.SSR.Ser.tekh.nauk 7 no.2:41-47 '63.

(MIRA 16:4)

1. Institut mekhaniki AN UzSSR.

(Granular materials)

L 17680-65    EWT(d)/EPF(n)-2    Io-4/Fq-4/Pg-4/Pu-4/Pk-4/Pl-4
ASD(a)-5/ASTR/AFWL/a/ASM/a/Asmc/c)/RAPM(d)/s/ss/s/s

ACCESSION NR:   AP14.                       S/0361/64

AUTHORS:  Bedel'bayev, A. K.: Khodzhanov, A. S.

TITLE:  Contribution to the mathematical theory
processes

SOURCE:  AN KazSSR. Izvestiya. Seriya fiziko-matematical

TOPIC TAGS:  automatic control system. stability condit
control theory .

ABSTRACT:  The present article is concerned with
control system both with respect to its parameters and to
to the                   whereas earlier parame
type of optimization             value.  The problem

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L 17680-65
ACCESSION NR: AP4049395

$$\dot{\eta}_s = \sum_{k=1}^{n} b_{sk}\eta_k + n_s\xi \quad (s = 1, 2, \ldots, n),$$

where b and n are constants, with the b's depending on certain "structive" parameters, $\eta$-phase coordinates of the object its control function (coordinate of the regulating object). It is required to determine the control the class of continuous and continuously-differential and the constructive parameters such that the closed-loop system be not only asymptotically stable but also optimal. timization condition is that a certain functional

$$I(\xi) = \int_{0}^{\infty} \left[ F(\eta) + \frac{1}{2} C_0 \xi^2 + \frac{1}{2} \xi^2 \right] dt$$

be minimized. Algebraic equations are written out for the tive parameters and methods of minimizing the functional, using

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L 17680-65

ACCESSION NR: AP4049395

Lyapunov theorem, are described. A numerical example is given.
Orig. art. has: 24 formulas.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, MA          NR REF SOV: 004.        OTHER: 000

Card 3/3

KHODZHANOV, A.S.

Stability of control systems with tachometer feedback. Vest.
AN Kazakh SSR 22 no.8:74-76 Ag '65.                    (MIRA 18:9)

L 3183-66

AUTHOR: Bedel'bayev, A. K. (Deceased) (Alma-Ata); Khodzhanov, A. S. (Alma-Ata)

TITLE: On isoperimetric problems of control systems

TOPIC TAGS: automatic control, optimum control, isoperimetric problem

ABSTRACT: The controlled system is described by the system of equations

$$\dot{\eta}_s = \sum_{k=1}^{n} b_{sk}\eta_k + \gamma_s \xi, \quad \eta_s(0) = \eta_s^0 \quad (s = 1, 2, \ldots, n), \tag{1}$$

where $b_{sk}$ are given constants, $\eta_k$ are phase coordinates of the controlled system, and $\xi(t)$ is the control function. From the class of continuous functions $\xi(t)$ constrained by one of conditions

$$\int_0^{\infty} \xi^2(t)\,dt = K_0 < \infty \tag{A}$$

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L 3183-66

ACCESSION NR: AP5013833

or

$$\int_{\mathbf{0}}^{\infty} \dot{\xi}^2(t)\,dt = K_1 < \infty \qquad (B)$$

where $K_0$ and $K_1$ are given positive constants, the control function $\xi$ is sought which ensures the asymptotic stability of the controlled system and minimizes the performance functional

$$I = \int_0^\infty F(\eta)\,dt, \qquad (2)$$

where $F(\eta)$ is a given positive quadratic form. It is shown that equation (1) can be reduced to a canonical form by using the Lur'ye transformation. By applying known variational methods, the Lagrangians for cases (A) and (B) are formed and Euler-Lagrange equations are derived. A system of algebraic equations is derived for calculating the arbitrary constants and the Lagrange multiplier. Finally, the equation in the form of a determinant is derived from which the control function $\xi(t)$ corresponding to asymptotic stability can be determined. Orig. art. has: 32 formulas. [JK]

Card 2/3

L 3183-66

ACCESSION NR: AP5013833

ASSOCIATION: none

SUBMITTED: 20Apr64          ENCL: 00              SUB CODE: IE,MA

NO. REF SOV: 004           OTHER: 000            ATD PRESS: 4017

Card 3/3

L 26014-66    EWT(d)    IJP(c)    G$

ACC NR: AT6013426                    SOURCE CODE: UR/0000/65/000/000/0134/0141

AUTHORS: Bedel'bayev, A. K. (deceased); Khodzhanov, A. S.

ORG: none

*3 3*

TITLE: Analytic design of optimal regulators

*B+1*

SOURCE: AN KazSSR. Sektor matematiki i mekhaniki. Issledovaniya po differentsial'nym uravneniyam i ikh primeneniyu (Research on differential equations and their application). Alma-Ata, Izd-vo Nauka, 1965, 134-141

TOPIC TAGS: optimal control, variational problem, characteristic equation, control system stability, functional equation, motion equation

ABSTRACT: The problem of stability of an optimal control system is supplied by the functional

$$I(t) = \int_0^\infty [F(\eta) + C_i^2] dt .$$

The work is based on a variational problem formulated by A. M. Letov (Analiticheskoye konstruirovaniye regulyatorov. Avtomatika i telemekhanika, Vol. XXI, Nos. 5 and 6, 1960). The equations of motion of the controlled object are

$$\eta_s = \sum_{k=1} b_{sk} \eta_k + n_s \xi \quad (s = 1, 2, \ldots, n) .$$

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L 26014-66

ACC NR: AT6013426

In the case of

$$\sum_{n=1}^{\infty} \mu_n - 2C\psi(u) = 0 \quad (|u| < u^*),$$

the characteristic equation is

$$\Delta(r^2) = CD(r)D(-r) + \sum_{a=1}^{\infty}\sum_{\beta=1}^{\infty} a_{\alpha\beta} N_\alpha(-r)N_\beta(r) = 0.$$

Two examples with motion according to the equations

$$\ddot{\varphi} + 14.3\dot{\varphi} + 115.5\varphi = -3.54\,\Psi$$

and

$$\ddot{\eta} + 3\dot{\eta} + 2.38\,\eta = 2.5\,\xi$$

are given for which the conditions of stability are found. Orig. art. has: 49 formulas and 1 figure.

SUB CODE: 12/ SUBM DATE: 23Jun65/ ORIG REF: 003

Card 2/2

L 26013-66   EWT(d)   IJP(c)   GS

ACC NR: AT6013427                          SOURCE CODE:   UR/0000/65/000/000/0172/0175

AUTHOR:  Khodzhanov, A. S.

ORG:  none

TITLE:  Simplified stability criteria for controlled systems with tachometric feedback

SOURCE:  AN KazSSR. Sektor matematiki i mekhaniki. Issledovaniya po differentsial'nym uravneniyam i ikh primeneniyu (Research on differential equations and their application). Alma-Ata, Izd-vo Nauka, 1965, 172-175

TOPIC TAGS:  automatic control theory, mathematic determinant, integral equation, bounded function, parameter, control system stability, electronic feedback

ABSTRACT:  A simplified test of stability of a system

$$\eta_s = \sum_{k=1}^{n} b_{sk}\eta_k + n_s\xi \quad (s = 1, 2, \dots, n-1),$$

$$\dot{\xi} = f(\sigma), \quad \sigma = \sum_{k=1}^{n} l_k\eta_k - r\xi - N\dot{\xi}$$

from an earlier work of A. M. Letov (Ustoychivost' nelineynykh reguliruyemykh sistem. Moscow, 1962) is presented. The test makes it possible to show the ranges of variation for the nonlinear function f(σ). The system is converted to the form

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L 26013-66

ACC NR: AT6013427

$$\eta_i = \sum_{k=1}^{n} q_{sk}\eta_k + \gamma_s \psi(\sigma)\sigma \quad (s=1,2,\ldots,n),$$

$$\sigma = \sum_{k=1}^{n} l_k \eta_k - N\varphi(\sigma)\sigma.$$

Lyapunov's theorem gives the form

$$v = \sum_{s=1}^{n}\sum_{k=1}^{n} \sigma_{sk}\eta_s\eta_k \quad (\sigma_{sk} = \sigma_{ks}).$$

Absolute stability of the given system with tachometric feedback is obtained under certain conditions. From

$$\psi(\sigma) > 0 \text{ или } \frac{1}{\sigma}f(\sigma) > 1 \quad (\sigma \neq 0)$$

and

$$[a - 2N(1+N)]\varphi(\sigma) < a + 2(1+N),$$

the final condition of absolute stability of the system

$$1 < \frac{1}{\sigma}f(\sigma) < \frac{a+2(1+N)}{a-2(1+N)} \quad (\sigma \neq 0)$$

is obtained. Orig. art. has: 22 formulas.

SUB CODE: 12/ SUBM DATE: 23Jun65/ ORIG REF: 005

Card 2/2

KHODZHASH, A. V.

CA

A case of acute sodamide poisoning. F. I. Pozharlskii and A. V. Khodzhash. *Farmakol. i Toksikol.* **7**, No. 4, 49-51(1944).—A girl, aged 10, employed in unloading $NaNH_2$, was exposed when a drum burst. Ignited clothing was soon extinguished, but skin exposed to direct contact suffered severe burns. The patient died the next day. The autopsy showed acute fibrinotic inflammation of larynx, trachea, and bronchi, many local second-degree burns on the skin, moderate edema, and some extravasation in the lungs. Histological examn. showed that the acute inflammation of respiratory mucosa extended into the lungs, with the appearance of acute $NH_3$ poisoning.

Julian F. Smith

MOROZOV, A.L., red.; KHODZHASH, A.V., red.; SHKLOVSKAYA, S.S., red.; KUZ'-
   MINA, N.S., tekhn. red.

[Physiological peculiarities, clinical aspects of the diseases, and
problems in the industrial hygiene of employed adolescents] Fiziolo-
gicheskie osobennosti, klinika zabolevanii i voprosy gigieny truda
rabochikh-podrostkov. Izd.2., ispr. i dop. Moskva, Gos. izd-vo med.
lit-ry Medgiz. Vol.2. [Clinical peculiarities in the course of some
diseases of adolescence] Klinicheskie osobennosti techeniia nekotorykh
zabolevanii v podrostkovom vozraste. 1961. 191 p.      (MIRA 14:8)
                  (CHILDREN—DISEASES)

MOROZOV, A.L., prof., red.; KHODZHASH, A.V., kand.med.nauk, red.; NOVIKOV,
Yu.V., red.; POGOSKINA, M.V., tekhn.red.

[Physiological characteristics, clinical aspects of diseases, and
problems in the industrial hygiene of employed adolescents] Fiziolo-
gicheskie osobennosti, klinika zabolevanii i voprosy gigieny truda
rabochikh-podrostkov. Izd.2., ispr. i dop. Moskva, Medgiz. Vol.1.
[Physiological characteristics, problems in the industrial hygiene
and occupational pathology of employed adolescents] Fiziologicheskie
osobennosti, voprosy gigieny truda i professional'noi patologii
rabochikh-podrostkov. 1961. 186 p.                  (MIRA 14:12)
    (ADOLESCENCE)          (CHILDREN--EMPLOYMENT)
         (INDUSTRIAL HYGIENE)

MYASNIKOV, Yu.A.; ZHEMCHUZHIN, Ye.K.; KHODZHASH, S.I.

Focus of tick-borne encephalitis in deciduous forests of
Tula Province. Med. paraz. i paraz. bol. 32 no.3:354-355
My-Je'63                                        (MIRA 17:3)

1. Iz Tul'skoy i Suvorovskoy sanitarno-epidemiologicheskoy
stantsii.

KHODZHASHVILI, G.P. (Tuapse, ul.K.Marksa, i.14/2, kv.45)

Role of Meckel's diverticulum in the recurrence of pain following appendectomy. Vest.,khir. 91 no.9:105-106 S'63.

(MIRA 17:4)

1. Iz khirurgicheskogo otdeleniya (zav.-G.P. Khodzhashvili) Bol'nitsy vodnikov g. Tuapse (glavnyy vrach - A.M. Kuznetsov, nauchnyy rukovoditel' - prof. B.Z. Gutnikov).

KHODZHASHVILI, G.P.

Case of perforating appendicitis in association with
interrupted tubal pregnancy.  Khirurgiia 39 no.10:128-
129  O '63.                                              (MIRA 17:9)

1. Iz khirurgicheskogo otdeleniya (zav. G.P. Khodzhashvili)
Bol'nitsy vodnikov (glavnyy vrach A.M. Kuznetsov), Tuapse.

KHODZHASHVILI, M.A.

Devices for the reinforcement of the foundations of the structures
for shore protection against washouts. Trudy GPI [Gruz.] no.7:
145-152  '63.

(MIRA 18:6)

BZHALAVA, Iosif Teymurazovich; KHODZHAVA, Z., red.; GOGIAVA, G., red.
izd-va; DZHAPARIDZE, N., tekhn.

[Perception and attitude] Vospriiatie i ustanovka. Tbilisi,
Izd-vo Akad.nauk Gruz.SSR, 1960. 208 p.                (MIRA 13:7)
     (Perception)      (Attitude (Psychology))

KHODZHAVA, Z.I.

On the problem of D.N. Uznadze's theory of readiness ("ustanovka")
Vop.psikhol. 3 no.1:125-132 Ja-F '57.                    (MLRA 10:3)

1. Institut psikhologii Akademii  nauk Gruzinskoy SSR.
                  (Psychology)

KHODZHAVA, Z.I.

Discussion of the problem of the concept of ability. Trudy Inst.
psikhol. AN Gruz. SSR 11:401-412 '57.                    (MIRA 12:3)
            (Ability)

PRANGISHVILI, A.S., red.; KHODZHAVA, Z.I., red.; ABASHIDZE, E.K., red.;
BOCHORISHVILI, A.T., red.; DZHALDAVIa.L.., red.; NATADZE, R.G.,
red.; NORAKIDZE, V.G., red.; SONGULASHVILI, M.I., red.izd-va;
KHOKHIASHVILI, V.M., red.izd-va; DZHAPARIDZE, N.A., tekhred.

[Experimental studies on the psychology of attitude] Eksperi-
mental'nye issledovaniia po psikhologii ustanovki.  Tbilisi,
1958.  598 p.                                      (MIRA 12:11)

1. Akademiya nauk Gruzinskoy SSR. Tiflis. Institut psikhologii.
         (Attitude (Phychology))

KHODZHAVA, Z.I.

Factor of shape in the functioning of attitude. Eksp. issl. po
psikhol. ust. 1:153-189 '58.                              (MIRA 13:12)
(Attitude (Psychology))

KHODZHAVA, Z.I.

Concept of 'need' in foreign psychology. Trudy Inst. psikhol. AN
Gruz. SSR 12:23-48 '60.                          (MIRA 13:11)
                      (Psychology)

KHODZHAVA, Z.I.; AVALISHVILI, A.M.

Essence of the so-called "new fact" in the psychology of attitude.
Trudy Inst. psikhol. AN Gruz. SSR 12:179-196 '60. (MIRA 13:11)
(Attitude (Psychology))

KHODZHAVA, Z.I.

Action of reciprocally counterdirected sets. Eksp.issl.po psikhol.ust. 2:135-180 '63.

Set in habit interference. Ibid.:181-193                    (MIRA 16:12)

✳

KHODZHAVA, Z.I.

Action of the contrarily directed sets. Trudy Inst.psikhol. AN
Gruz.SSR 14:217-271 '63. (MIRA 18:4)

*KHODZHAY, YA.I.*

ANGARSKAYA, M.A.; GENDENSHTEYN, E.I.; KOLESNIKOV, D.G.; SOKOLOVA, V.Ye.;
KHODZHAY, Ya.I.

Diagitoxin and gitoxin, new Russian preparations from digitalis.
Med.prom. 12 no.2:58-59 F '58.                          (MIRA 11:3)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut.
        (DIGITALIS)

KHODZHAYAN, G.K., dots.

Assembling 600-cubic-meter spherical tanks. Stroi. prom. 36 no.3: 23-26 Mr '57.                                                    (MIRA 11:3)

(Tanks)

KHODZHAYAN, G.K., dots.

New method of pouring on supporting rings in the assembly of
steel smokestacks. [Trudy] RISI no.17:103-106 '60. (MIRA 15:6)
(Building, Iron and steel) (Chimneys)

PANOSYAN, A.K.; KHODZHAYAN, R.N.

Results of simultaneous application of azotobacterin and phosphobacterin. Vop.mikrobiol. no.1:261-270 '61.

(MIRA 17:10)

KHODZHAYAN, Ye. A., BABAYAN, A. A., I OVANYESYAN, O. P.

30397

Pyeryedacha vyertitsilliornogo vilta khlapchatnika syemyenami.
Sbornik trudov po zashchitye rastyeniy (arm. nauch.-isslyed. in-t
tyekhn. kul'tur), No 2. 1949, S. 42-54.--Bibliogr: 11 Hazv.

SO:  Letopis' No. 34

KHODZHAYAN, E. A., BAOAYAN, A. A. I OVANYESYAN, O. P.

30407

Porazhayemostv kartofyelya vyetiiilliumon v uslobtyakh.  Khlopkovoy
eony armyenii.  ( 1949 )

SO:  Letopis' No., 34

KHODZHAYAN, Ye.A.

Evaluating the resistance of cotton varieties to wilt by the serological methos.  Izv.AN Arm.SSR.Biol.i sel'khoz.nauki. 4 no.11:1049-1053 '51.                                          (MLRA 9:8)

1. Armyanskiy nauchno-issledovatel'skiy institut tekhnicheskikh kul'tur Ministerstva khlopkovodstva SSSR.
                    (COTTON--DISEASE AND PEST RESISTANCE)
                    (SERUM DIAGNOSIS)

KHODZHAYAN, Ye. A.

KHODZHAYAN, Ye. A.

"Certain Biological Problems Concerning the Causative Agent
of Cotton Wilt and a Serological Method for Determining the Resist-
ance of Varieties to the Disease." Cand Biol Sci, Acad Sci Armen-
ian SSR, Department of Biological Sci, Yerevan, 1955. (KL, No 9,
Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institu-
tions (14).

KHODZHAYAN, Ye.A.; BABAYAN, A.A

Serological reaction in determining wilt resistance. Agrobiologiia
no.6:97-100 N-D '56.                                    (MIRA 10:1)

1. Nauchno-issledovatel'skiy institut zemledeliya Armyanskoy SSR,
g.Echmiadzin.     (Cotton--Disease and pest resistance)
                          (Serum diagnosis)

KHODZHAYAN, Yo.A.; BABAYAN, A.A.

       Specialization of the forms of Fusarium oxysporum Schl.,
       pathogen of the gourd wilt. Izv. AN Arm. SSR. biol. nauki 16
       no.8:65-72 Ag'63                (MIRA 17:4)

       1. Armyanskiy nauchno-issledovatel'skiy institut zemledeliya.

ISRAYELYAN, M.G.; PETRENKO, A.A.; TEYMURAZYAN, R.A.;.KHODZHAYANTS, Yu.M.

Measuring oxide concentrations in liquid-metal heat carriers.
Izv. AN Arm. SSR. Ser. tekh. nauk 16 no.6:3-10  '63.
(MIRA 17:1)

KHODZHAYE V. A.

25853     Khodzhaye V. A.    Mikroflory Zheludochnogo Soka U Bol'nykh Alimentarnoy
          Distrofiey.   Doklady Akad.  Nauk Uz SSR No. 4, 1948, S. 35-39 - Rezyume
          Na Uzbek. Yaz..

          SO:  Letopis' Zhurnal Statey, No. 30, Moscow, 1948

$16,3400$

AUTHOR:  Khodzhayev, A.

TITLE:  On the Solution of a System of Differential Equations With the Method of Picard

PERIODICAL:  Izvestiya Akademii nauk Uzbekskoy SSR, Seriya fiziko-matematicheskikh nauk, 1960, No.2, pp 47-54

TEXT:  The system of differential equations

$$(1) \qquad y_i' = \sum_{1,k}^{1,n} P_{ikl}(x) y_k y_1 + \sum_{k=1}^{n} P_{ik}(x) y_k + P_i(x)$$

is integrated with the initial conditions $y_i(0) = y_{io}$. After reduction to a system of integral equations the integration is carried out with the aid of successive approximations according to the scheme

$$y_i^{(s)} = y_{io} + \int_0^x \left[ \sum_{k,1}^{i,n} P_{ikl}(x) y_k^{(s-1)} y_1^{(s-1)} + \sum_{k=1}^{n} P_{ik}(x) y_k^{(s-1)} + P_i(x) \right] dx.$$

The calculation of the coefficients of the single approximations is ordered tabularly. As an example the author considers a system of sixth order.

ASSOCIATION:  Chardzhouskiy gospedinstitut (Chardzhou State Pedagigical Institute)

SUBMITTED:  February 16, 1959

Card 1/1

$\cancel{X}$

SAPOZHNIKOV, D.I.; EYDEL'MAN, Z.M.; TOLIBEKOV, D.; KHODZHAYEV, A.

     Transformation of xanthophylls in partially reconstructed
     systems. Bot.zhur. 47 no.11:1656-1659 N '62.   (MIRA 16:1)

    1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad.
          (Photosynthesis)    (Xanthophylls)

KHODZHAYEV, A., mladshiy nauchnyy sotrudnik

Testing preparations against granary pests. Zashch.rast.ot
vred.i bol. 5 no.7:29 Jl '60.                          (MIRA 16:1)

1. Uzbekskiy nauchno-issledovatel'skiy institut zashchity
rasteniy.
        (Grain—Diseases and pests)    (Insecticides)

KHODZHAYEV, A.A.

Using a small seismic platform in investigating seismic
stability of installations. Izv. AN Uz. SSR. Ser. tekh. nauk
9 no. 6:19-25 '65                                    (MIRA 19:1)

1. Tashkentskiy politekhnicheskiy institut. Submitted February 5,
1964.

KHODZHAYEV, Agzam Ashrapovich; DOLOTIN, V., red.; MEL'NIKOV, A., tekhred.

[Food industry of Uzbekistan under the seven-year plan] Pishche-
vnia promyshlennost' Uzbekistana v semiletke.  Tashkent, Gos.
ind-vo Uzbekskoi SSR, 1959.  61 p.                    (MIRA 13:8)
            (Uzbekistan--Food industry)

PORTNOY, N.D.; KONDRATOVICH, V.Y.; RABKIN, D.M.; ZVONKOV, M.L.; BOVIN, A.I.;
    GERLIKHSDORF, N.G.; OLESHKOV, Yu.V.; SHASKIN, A.Ya.; KREMERMAN, P.L.;
    KHOJZHAIEV, A.I.; PISAREVSKIY, M.S.

    Automatic welding of aluminum alloy products instead of manual arc
    welding with a carbon electrode. Suggestion by N.D.Portnoi and others.
    Prom.energ.11 no.4:21-22  Ap '56.                        (MIRA 9:7)
                (Aluminum alloys--Welding)

L 04706-67    EWT(d)/EWT(m)/EWP(v)/EWP(t)/ETI/EWP(k)/EWP(l)    IJF(c)    JD/HM/HW/JT

ACC NR: AP6019434                                SOURCE CODE: UR/0135/66/000/006/0043/0045

AUTHOR: Kondratovich, V. M. (Engineer); Khodzhayev, A. I. (Engineer)

ORG: none

TITLE: Results of the 1965 All-Union Welding Contest of the Scientific-Engineering Society of the Machine Building Industry

SOURCE: Svarochnoye proizvodstvo, no. 6, 1966, 43-45

TOPIC TAGS: arc welding, welding technology, metallurgic conference, metal joining, electroslag welding, fatigue strength, metal forging, pipe, inert gas welding, metallurgic personnel

ABSTRACT: Thirty-three research projects from 127 participants from plants and organizations in Moscow, Leningrad, Baku, Kazan, Bryansk, Izhevsk, Kramatorsk and Podolsk were entered in last year's All-Union Welding Contest. Prizes were awarded, among which were Second prizes to F. S. Kulikov, A. D. Pleskachev, A. S. Persidskiy, Yu. V. Vaskin, N. G. Frolov (Moscow) for "The Development of Technological Procedure and Equipment for automatic argon-shielded arc welding of cylindrical thin-wall bellows" and "The Development of Technological Procedure and Equipment for welding complex-shaped titanium alloy pipes from preformed elements." The first project introduces a new method of welding 1Kh18N9T steel bellows with a wall thickness of 1.15 mm. The second entry introduced technology and equip-

Card 1/2                                          UDC: 621:014.25.004.6:06.063

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L 04706-67

ACC NR: AP6019434

ment for welding complex-shaped titanium-alloy pipes from preformed elements including a device which shields the reverse side of the joint.

A. I. Pynkevich, A. S. Gel'man (TsNIITMASh), V. M. Biryukov and A. V. Demichev (Leningrad Metal Works im. XXII Party Congress) were awarded prizes for their work "Electroslag welding of OKh12NOLS stainless steel to a low-alloy steel." The process is used for joining stainless steel blades to low-alloy steel wheels of hydraulic turbines.

Certificates of honor were awarded to Yu. A. Arekhtyuk, L. V. Lyashenko, N. M. Trofimov and V. A. Kornilov for the development of technology and equipment for pulsed-power argon-shielded arc welding of thin-wall elements, especially bellows. A special unit with transistorized power (TIS-1) ensures continuous control of the welding current and its stabilization under conditions of varying arc length and network voltage. Certificates of honor were also awarded to V. M. Sagalevich and V. V. Zolotarev (MVTU im. N. E. Bauman) for a method of increasing the fatigue strength, reducing the weld deformation, and improving the reliability of spot-welded titanium-alloy components accomplished by forging spot welds. Orig. art. has: 7 figures. [ATD PRESS: 5022-F]

Joining of Dissimilar Metals

SUB CODE: 13, 05 / SUBM DATE: none

Card 2/2

KORTUNOV, A.K.; KORSHUNOV, Ye.S.; KUZNETSOV, P.L.; BARABASH, B.B.;
    PROMTOV, A.I.; SHAKIROV, M.Z.; ALI-ZADE, M.A.; KHODZHAYEV,
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